

Docket No.: 42390P12361

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the Application of:

TONY S. RAND

Application No.: 10/039,034

Filed: January 2, 2002

For: Cache Coherency Arrangement to Enhance

**Inbound Bandwidth** 

Art Group: 2188

Examiner: Lane, John A.

**RECEIVED** 

SEP 2 3 2004

**Technology Center 2100** 

#### INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully sub	mitted,
------------------	---------

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Jund A Mindman REG No. 47,879

Gregory D. Caldwell, Reg. No. 39,926

PAUL A. MENDONSA

Date: September 17, 2004

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (503) 439-8778

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Rachael Brown

Date

09-17-04

ostitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known			
Application Number	10/039,034		
Filing Date	January 2, 2002		
First Named Inventor	Tony S. Rand		
Art Unit	2188		
Examiner Name	Lane, John A.		
Attorney Docket Number	42390P12361		

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.'	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	1	US-5,524,235	06-07-1996	Larson et al.		
	2	US-5,581,729	12-03-1996	Nishtala et al.		
	3	US-5,634,068	05-27-1997	Nishtala et al.	RECEIVED	
	4	US-5,655,100	08-05-1997	Ebrahim et al.		
	5	US-5,657,472	08-12-1997	Van Loo et al.	SEP 2 3 2004	
	6	US-5,684,977	11-04-1997	Van Loo et al.		
	7	US-5,713,004	01-27-1998	Kimmel et al.	nology Center 2100	
	8	US-5,721,935	02-24-1998	DeSchepper et al.		
	9	US-5,740,454	04-14-1998	Kelly et al.		
	10	US-5,787,486	07-28-1998	Chin et al.		
	11	US-5,796,992	08-18-1998	Reif et al.		
	12	US-5,819,105	10-06-1998	Moriarty et al.		
	13	US-5,905,998	05-18-1999	Ebrahim et al.		
	14	US-5,966,729	03-27-2001	Phelps		
	15	US-6,209,067 B1	03-27-2001	Collins et al.		
	16	US-6,304,945 B1	10-16-2001	Koenen		
	17	US-6,330,656 B1	12-11-2001	Bealkowski et al.		
	18	US-6,357,013 B1	03-12-2002	Kelly et al.		
	19	US-6,519,685 B1	02-11-2003	Chang		
	20	US-6,598,123 B1	07-22-2003	Anderson et al.		

	FOREIGN PATENT DOCUMENTS						
Examiner Cite Initials* No.1	Cite	Foreign Patent Document			Pages, Columns, Lines,		
		Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear		
<del></del>							
	!						
				· · · · · · · · · · · · · · · · · · ·			
	1						
	!						

Examiner	Date		
Signature	Considered	•	

. Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&#</sup>x27;Applicant's unique citation designation number (optional)?See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04?Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible policant is to place a check mark here if English language Translation is attached.

SEP 21 2004 Stitut

stitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

4

Sheet 2 of

Complete if Known				
Application Number	10/039,034			
Filing Date	January 2, 2002	•		
First Named Inventor	Tony S. Rand			
Art Unit	2188			
Examiner Name	Lane, John A.			
Attorney Docket Number	42390P12361			

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	21	US-6,615,319 B2	09-02-2003	Khare et al.	DEOEMES	
	22	US-6,622,215 B2	09-16-2003	Khare et al.	RECEIVED	
	23	US-6,625,694 B2	09-23-2003	Masri et al.	055-0-0-0	
	24	US-6,640,289 B2	10-28-2003	McCrory et al.	SEP 2 3 2004	
	25	US-6,694,409 B2	02-17-2004	Chang	Technology Center 2100	
	26	US-6,704,845 B2	03-09-2004	Anderson et al.	Combined by Califat 2100	
	27	US-6,725,337 B1	04-20-2004	Tan et al.		
	28	US-2002/0078304 A1	06-20-2002	Masri et al.		
	29	US-2002/0087765 A1	06-04-2004	Kumar et al.		
	30	US-2002/0087766 A1	07-04-2002	Kumar et al.		
P-11	31	US-2002/0087804 A1	07-04-2002	Khare et al.		
	32	US-2002/0087811 A1	07-04-2002	Khare et al.		
	33	US-2002/0095554 A1	07-18-2002	McCrory et al.		
	34	US-2002/0112132 A1	08-15-2002	Lesmanne et al.		
	35	US-2002/0129206 A1	09-12-2002	Khare et al.		
	36	US-2002/0178210 A1	11-28-2002	Khare et al		
	37	US-2003/0065843 A1	04-03-2003	Jones et al.		
	38	US-2003/0070016 A1	04-10-2003	Jones et al.		
	39	US-2003/0115423 A1	06-19-2003	Chang		
	40	US-2003/0126372 A1	07-03-2003	Rand		

	FOREIGN PATENT DOCUMENTS							
Examiner Cite		Foreign Patent Document			Pages, Columns, Lines,			
Initials*	No.1	Country Code - Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
	<u> </u>							
	<del> </del>							
	<u> </u>							

Examiner	Date
Signature	Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional)?See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04?Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

10	PE
SEP	21 2004 0
E	رق
CAT &	TRADEMENTNI

stitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 3 of 4

Complete if Known			
Application Number	10/039,034		
Filing Date	January 2, 2002		
First Named Inventor	Tony S. Rand		
Art Unit	2188		
Examiner Name	Lane, John A.		
Attorney Docket Number	42390P12361		

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	41	US-2003/0126376 A1	07-03-2003	Blankenship et al.	CEIVED-	
	42	US-2003/0131201 A1	07-10-2003	Khare et al.	CEIVED	
	43	US-2003/0131202 A1	07-10-2003	Khare et al.	P-2-3-2004	
-	44	US-2003/0135696 A1	07-17-2003	Rankin et al.	7 % 3 2004	
	45	US-2003/0163649 A1	08-28-2003	Kapur et al.	ogy-Center 2100	
	46	US-2003/0167367 A1	09-04-2004	Kaushik et al.	Ugy Conton E 100	
	47	US-2003/0177317 A1	09-18-2003	Anderson et al.		
	48	US-2003/0177320 A1	09-18-2003	Sah et al.		
	49	US-2003/0204679 A1	10-30-2003	Blankenship		
	50	US-2004/0003184 A1	01-01-2004	Safranek et al.		
	51	US-2004/0015969 A1	01-22-2004	Chang		
	52	US-2004/0022094 A1	02-05-2004	Radhakrishnan et al.		
	53	US-2004/0064652 A1	04-01-2004	Creta et al.		
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>		
		Country Code - Number - Kind Code (if known)						
	· · · · · ·					-		
	i							
						-		
	ļ							
	1							

Examiner	Date
Signature	Considered

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

'Applicant's unique citation designation number (optional)?See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04?Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible policant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

SEP 21 2004 Substite

Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 4 of 4

Co	emplete if Known
Application Number	10/039,034
Filing Date	January 2, 2002
First Named Inventor	Tony S. Rand
Art Unit	2188
Examiner Name	Lane, John A.
Attorney Docket Number	42390P12361

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²		
	54	Khare, et al Pending US Patent Application No. 09/643,380 entitled A METHOD AND APPARATUS FOR PIPELINING ORDERED INPUT/OUTPUT TRANSACTIONS TO COHERENT MEMORY IN A DISTRIBUTED MEMORY, CACHE COHERENT, MULTI-PROCESSOR SYSTEM, filed August 21, 2000			
		RECEIVED			
		SEP 2 3 2004			
		Technology Center 2100			
-					

	The state of the s	
Examiner	Date	Ŧ
Signature	Considered	

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wir) 08/11/2003. Send To: Commissioner for Palents, P.O. Box 1450, Alexandria, VA 22313-1450

<sup>\*</sup>Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

<sup>&#</sup>x27;Applicant's unique citation designation number.'Applicant is to place a check mark here if English language Translation is attached.